## EAST Search History

| Ref#   | Hits | Search Query                     | DBs           | Default<br>Operator | Plurals  | Time Stamp                              |
|--------|------|----------------------------------|---------------|---------------------|--|---|
| <br>31 | 226  | ("20010000802"                   | US-PGPUB:     | OR                  | ON   | 2008/12/01                              |
|        |      | "20010016193" I                  | USPAT; USOOR; | 1                   | 1  | 19:34                                   |
|        |      | "20010051148"                    | EPO; JPO;     |                     |  | 10.04                                   |
|        |      |                                  | DERWENT       |                     |  |   |
|        |      | "20010055590"                    | DERWENT       |                     |  | •                                       |
|        | 1    | "20020001577"                    |               |                     |  |   |
|        |      | "20020012657"                    |               |                     |  | *************************************** |
|        | 1    | "20020019350"                    |               |                     |  |   |
|        | -    | "20020022259"                    |               |                     |  |   |
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|        |      | "20020031827"                    |               |                     |  |   |
|        |      | "20020032468"                    | 1             |                     |  | *                                       |
|        |      | "20020035346"                    | -             |                     |  |   |
|        |      | "20020048800"                    | -             |                     |  |   |
|        | -    | "20020049154"                    |               |                     |  |   |
|        |      | "20020055530" j                  | 1             |                     |  |   |
|        |      | "20020055705"                    |               |                     |  |   |
|        |      | "20020065243"                    |               |                     |  |   |
|        |      | "20020072785"                    |               |                     | ***  |   |
|        | -    | "20020077311"                    | 1             |                     |  |   |
|        |      | "20020098167"                    |               |                     |  |   |
|        |      | "20020099026"                    |               |                     | ***  |   |
|        |      |                                  | 1             |                     |  |   |
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|        |      | "20020115208"                    |               |                     |  |   |
|        |      | "20020124855"                    |               |                     |  | *                                       |
|        |      | "20020127210"                    |               |                     |  | ***                                     |
|        |      | "20020133198"                    |               |                     | all and a second   |   |
|        |      | "20020142457"                    |               |                     | areas .  |   |
|        |      | "20020147172"                    |               |                     | **   |   |
|        |      | "20020147329"                    |               |                     | -  |   |
|        | 3    | "20020155101"                    |               |                     | ***************************************  |   |
|        |      | "20020161410"                    |               |                     | -  |   |
|        |      | "20020165191"                    |               |                     | -  |   |
|        | 3    | "20020170553" İ                  |               |                     | ***************************************  |   |
|        |      | "20020172663"                    |               |                     | -  |   |
|        |      | "20020183682"                    |               |                     | and the same of th |   |
|        |      | "20020183686"                    |               |                     | 44   | *************************************** |
|        | -    | "20020183720"                    |               |                     | **   | *************************************** |
|        |      | "20030004403"                    |               |                     | ***  |   |
|        |      | "20030004403"  <br>"20030026784" |               |                     | ***  |   |
|        |      | "20030026764                     |               |                     |  |   |
|        |      |                                  |               |                     | ***************************************  |   |
|        |      | "20030040777"                    |               |                     | i  |   |
|        |      | "20030044802"                    |               |                     |  |   |
|        |      | "20030045830"                    |               |                     |  |   |
|        |      | "20030059463"                    |               |                     |  |   |
|        |      | "20030060854"                    |               |                     |  |   |
|        |      | "20030065379"                    |               | •                   |  |   |
|        |      | "20030073235"                    |               |                     |  | *************************************** |
|        |      | "20030082148"                    |               |                     |  |   |
|        | *    | "20030087264"                    |               |                     |  |   |
|        | *    | "20030087867"                    |               |                     |  |   |
|        | \$   | "20030104568"                    | 3             | :                   | 3  | \$                                      |

| "20030105493"                   |  |   |  |   |  |
|---------------------------------|--|---|--|---|--|
| "20030113303" İ                 | 1  |   |  |   |  |
| "20030125615"                   |  |   |  |   |  |
| "20030129750" I                 |  |   | 1  |   |  |
| "20030129750  <br>"20030130581" |  | į |  |   |  |
|                                 |  |   |  |   |  |
| "20030138415"                   |  |   |  |   |  |
| "20030144702"                   |  |   |  |   |  |
| "20030144703"                   | 1  |   |  |   |  |
| "20030148351"                   |  |   |  |   |  |
| "20030148968" İ                 |  |   | 1  |   |  |
| "20030153952" i                 |  |   |  |   |  |
| "20030167081"                   |  |   |  |   |  |
| "20030171723" I                 |  |   | 1  |   |  |
|                                 |  |   |  |   |  |
| "20030187396"                   | 1  |   |  |   |  |
| "20030187490"                   |  |   |  |   |  |
| "20030195470"                   |  |   |  |   |  |
| "20030204206"                   | nessea   |   | *  |   |  |
| "20030211130"                   | esease esease  |   |  | *************************************** |  |
| "20030216476"                   | esees.   |   |  |   |  |
| "20030216811"                   | essen.   |   | 4  |   |  |
| "20030216812"                   | rosso  |   |  | ******                                  |  |
| "20040002739"                   | ***************************************  |   |  |   |  |
|                                 |  |   |  |   |  |
| "20040006395"                   | and the same of th |   |  |   |  |
| "20040014052"                   | 24434  |   |  |   |  |
| "20040018174"                   | and the same   |   |  |   |  |
| "20040030379"                   | 2000   |   |  |   |  |
| "20040038400" I                 | -  |   |  |   |  |
| "20040043006" i                 | -  |   |  |   |  |
| "20040047909" i                 |  |   |  |   |  |
| "20040048286"                   | 1  |   |  |   |  |
| "20040073260" I                 | *****  |   |  |   |  |
|                                 | ***************************************  |   |  |   |  |
| "20040087019"                   | -  |   | and the same of th |   |  |
| "20040098075"                   | ******   |   | ear con  |   |  |
| "20040131601"                   | 20000  |   |  |   |  |
| "20040132184"                   | -  |   | 200  |   |  |
| "20040133247"                   | 200  |   | **   |   |  |
| "20040158289"                   |  |   | -  |   |  |
| "20040158290" i                 |  |   | 9  |   |  |
| "20040161421"                   |  |   | ****   | *                                       |  |
| "20040208845"                   |  |   | *****  | ******                                  |  |
| "20040213770" I                 | ****   |   | arran a  |   |  |
|                                 | *****  |   | ****   |   |  |
| "20040214182"                   | ****   |   | -  |   |  |
| "20040215251"                   | •  |   | ***************************************  |   |  |
| "20040215253"                   | ***************************************  | 1 | uner see   |   |  |
| "20040230274"                   |  |   | ******   | *************************************** |  |
| "20040253209"                   |  | 1 | ***  | *************************************** |  |
| "20050002912"                   |  |   | ***************************************  | *************************************** |  |
| "20050005923"                   |  |   | İ  |   |  |
| "20050008628"                   |  |   |  |   |  |
| "20050000020"                   | ***************************************  |   |  |   |  |
| "20050010492  <br>"20050013870" |  |   |  | *************************************** |  |
|                                 |  | 1 |  | *******                                 |  |
| "20050021091"                   | ******   |   |  |   |  |
| "20050025752"                   |  |   |  | ******                                  |  |
| "20050043675"                   | 99   | 1 |  |   |  |
| "20050059153"                   | ***************************************  |   |  |   |  |
| "20050059623" İ                 |  |   |  | *************************************** |  |
|                                 |  |   |  |   |  |

| *************************************** | "20050096701"   "20050112759"   "20050118144"   "20050130136"   "20050137626"   "20050137631"   "20050137671"   "20050149136").PN.  |  | *************************************** | *************************************** | *************************************** |
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| S2 496                                  | ['20050192637'   '20050197674'   '20050197674'   '20050288721'   '20050288721'   '20060134079'   '20060134079'   '20060136028'   '20060136028'   '20060136028'   '20060136028'   '20060136028'   '4489220'   '4544371'   '4556063'   '4677999'   '4689897'   '4454371'   '4556063'   '4477199'   '4689897'   '4471351'   '4887987'   '4471351'   '4897987'   '490538'   '4924875'   '4938231'   '4944299'   '4987897'   '5016881'   '5025786'   '5041107'   '5042497'   '5058581'   '5987243'   '5137404'   '5130141'   '5179947'   '5119035'   '5229917'   '5251621'   '5259380'   '5268301'   '5278266'   '5284136'   '536745'   '5312453'   '5314430'   '5336252'   '5384264'   '5353800'   '5384264'   '5368028'   '5387419'   '5404877'   '5534248'   '5368028'   '5387419'   '5404877'   '5534268'   '5558802'   '5543818'   '5558028'   '55543818'   '5555802'   '55543818'   '5556421'   '5553318'   '5556421'   '5553318'   '5556421'   '55602301'   '5609629'   '5606261'   '5608331'   '5607418'   '5608699'   '5606281'   '5608499'   '5606289'   '5684899'   '5606289'   '5684998'   '5606289'   '5684998'   '560280'   '56839075'   '5703125'   '5704908'   '5703125'   '5704908'   '5703125'   '5704908' | US-PGPUB;<br>USPAT; USOCR;<br>EPC; JPO;<br>DERWENT | OR                                      | ON                                      | 2008/12/01                              |

|            | "5730125"                  |   |         |   |  |
|------------|----------------------------|---|---------|---|--|
|            | "5741319"                  |   |         |   |  |
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| "5817131"  | "5824049"                  |   |         |   |  |
| "5833803"  | "5833978"                  |   |         |   |  |
| "5834029"  | "5836935"                  |   |         |   |  |
| "5849033"  | "5855610"                  |   |         |   |  |
| "5865787"  | "5873904"                  |   |         |   |  |
| "5885797"  | "5893881" j                |   |         |   |  |
| "5899928"  | i "5902324" i              |   |         |   |  |
| "5914242"  | i "5925066" i              |   |         |   |  |
| "5928943"  | "5944710" i                |   |         |   |  |
| "5945577"  | "5949659" i                | ***                                     |         |   |  |
| "5967986"  | "5968006" i                |   |         |   |  |
|            | "6005009"                  |   | -       |   |  |
|            | "6016448" i                |   |         |   |  |
|            | "6050980"                  | 5000                                    |         |   |  |
|            | "6066094"                  | -                                       |         |   |  |
|            | "6090622"                  | -                                       |         |   |  |
|            | "6096347"                  | -                                       |         |   |  |
|            | "6100242"                  | -                                       |         |   |  |
|            | "6110459"                  | eseesee.                                |         |   |  |
|            | "6114164"                  |   |         |   |  |
|            | "6117296"                  | -                                       |         |   |  |
|            | "6132419"                  | 9                                       |         |   |  |
| "6135976"  | "6140740"                  | ueesee                                  |         |   |  |
|            | "6152955"                  | 00000                                   |         |   |  |
|            | "6155267"                  | 74.0346                                 |         |   |  |
|            | "6165164"                  | -                                       |         |   |  |
|            | "6174871"                  | *************************************** |         |   |  |
|            | "6185461"                  | ******                                  |         |   |  |
|            | "6199554"                  | -                                       |         |   |  |
|            | "6203495"                  | -                                       |         |   |  |
|            | "6203493  <br>  "6207451"  | -                                       | ar open |   |  |
|            | "6221011"                  |   | -       |   |  |
|            | "6231516"                  | -                                       |         |   |  |
|            | "6237398"                  |   | 1       |   |  |
|            | "6254573"                  |   | 7       |   |  |
|            | "6261230"                  |   | 1       |   |  |
|            | 6261230  <br>  "6277072"   |   | -       |   |  |
|            | "6280380"                  |   | **      |   |  |
|            | 6280380  <br>  "6287285"   |   | ***     |   |  |
|            |                            |   | ****    |   |  |
|            | "6306830"                  |   | 44      |   |  |
|            | "6312378"                  |   | 9       |   |  |
|            | "6330481"                  |   | 800     |   |  |
|            | "6336903"  <br>  "6358203" |   | ***     |   |  |
|            |                            |   |         |   |  |
|            | "6361780"                  |   |         |   |  |
|            | "6385491"                  |   |         |   |  |
|            | "6388043"                  |   |         |   |  |
|            | "6399300"                  |   |         |   |  |
|            | "6411840"                  |   |         |   |  |
|            | "6428802"                  |   |         |   |  |
|            | "6436907"                  |   |         |   |  |
|            | "6443949"                  |   |         |   |  |
|            | "6453195"                  |   |         |   |  |
| "6/45QQ17" | "6459929"                  | 4                                       |         | 5 |  |

|   |     | "6463335"   "6468263"   "6468985"   "6475232"   "6478737"   "6490482"   "6501983"   "6507756"   "6511477"   "6518245"   "6540725"   "654116"   "6571125"   "6574507"   "6575931"   "6592623"   "6596745"   "6610716"   "6629897"   "6653291"   "6664036"   "6656517"   "6660377"   "6653291"   "6660365"   "6655617"   "6660365"   "6656617"   "6675556"   "6689117"   "6690570"   "6697669"   "6775574"   "6734563"   "6775574"   "6810265"   "6810286"   "685524"   "6816286"   "685524"   "6816286"   "685524"   "6816286"   "685524"   "6816286"   "685524"   "6816286"   "6857692"   "6905798"   "6996922"   "6905798"   "699692"   "7039462"   "7294334"   PN.  |   |    |    |                     |
|---|-----|---|---|----|----|---------------------|
| 8 | 163 | ("20020019350"   "20020019350"   "2002001927"   "20020054751"   "20020055755"   "20020055243"   "20020072785"   "200200124855"   "20020124855"   "20020135101"   "20020172663"   "200201383686"   "200201383686"   "2003006784"   "2003004777"   "20030044872"   "20030045830"   "20030059438"   "20030059438"   "20030073235"   "20030073235"   "20030073235"   "20030049420"   "200400330490"   "20040038400"   "20040038400"   "20040073260" | US-PAT-US-COP-<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>19:35 |

|    | "20040131601"   "20040132184"   "20040132884"   "20040138288"   "20040186546"   "2004001320274"   "20050005923"   "20050005923"   "200500059915"   "20050059999"   "20050059999"   "20050059999"   "200500599991"   "2005001911"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "20050130136"   "500523197"   "506223197"   "5082497"   "5087243"   "55112453"   "504743"   "55112453"   "504743"   "55112453"   "504743"   "5512453"   "5514430"   "5511251"   "5507724"   "5585787"   "550331"   "5704908"   "6132419"   "6185461"   "6272377"   "6459929"   "6490482"   "6682044"   "666826"   "6673996"   "6675926"   "6773996"   "6675926"   "6773996"   "675926"   "6773996"   "675926"   "6773996"   "675926"   "6773996"   "675926"   "6773996"   "675926"   "6773986"   "6801805"   "8810286"   "6819207"   "7142919"   PN. |  |      |    |            |
|----|---|--|------|----|------------|
| S4 | <br>("20020019350"   "20020022022"   "20020042632"   "20020042632"   "2002005243"   "20020015543"   "20020110910"   "2002013772"   "20020155701"   "20020155101"   "20020163686"   "20030036773"   "20030036773"   "20030036773"   "20030036773"   "20030036773"   "20030036773"   "20030087264"   "20030158584"   "20040088017"   "20040106954"   "20040106954"   "20040106954"   "20040106956"  | US-POPUB;<br>USPAT; USOOR;<br>EPC; JPO;<br>DERWENT | OA . | ON | 2008/12/01 |

| 3/       | 1                                       | ("2007/0054871").URPN.  | UOPAI   | UR       | UN                                      | 2008/12/01<br>19:44 |
|----------|---|---|---|----------|---|---------------------|
| S6<br>S7 | 777                                     | S1 S2 S3 S4 S5  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT  | OR<br>OR | ON                                      | 2008/12/01          |
| 555      | 98                                      | "5282840"   "5902324"   "6845267"   "7010345"   "7215992"), PN.  ("20020013182"   "20020031827"   "20020031827"   "20020055243"   "20020072785"   "20020055243"   "200201755101"   "20020175663"   "20020185191"   "20020185191"   "20020185866"   "20020185866"   "20030044802"   "20030059463"   "20030059463"   "20030073235"   "20030148968"   "20030073235"   "20030148968"   "20030148968"   "20030073235"   "20030149681"   "20030149681"   "20030149681"   "20030149681"   "20030149681"   "20030149681"   "20030149681"   "20030149681"   "20030149681"   "20030149681"   "50030149681"   "500301497674"   "500301497674"   "5003014971"   "4051842"   "4140122"   "44838529"   "4686897"   "524497"   "5259380"   "5284136"   "5571151"   "56459929"   "6628987"   "6759236"   "6801805"   "6759236"   "6801805"   "6759236"   "6715992")   PN. | US-PGPUB;<br>US-PAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR       | ON                                      | 2008/12/01          |
|          | *************************************** | "20050137631"   "20050245972"   "20060030892"   "20060247700"   "20060259088"   "20070150005"   "20070239218"   "20070299356"   |   |          | *************************************** |                     |

| S8  | 2  | ("2006/0015146").URPN.   | USPAT  | OR | ON | 2008/12/01<br>19:45 |
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| S9  | 37 | ("20020155101"   "20020177772"   "20030009145"   "20030009145"   "20040137621"   "20040060717"   "2005002999"   "20050059999"   "20050192637"   "20050192637"   "4146029"   "4354921"   "4711251"   "4774951"   "4711251"   "4774951"   "4711251"   "4774951"   "4711251"   "4774951"   "5041107"   "5060660"   "5087243"   "5104393"   "5176641"   "517499"   "5176641"   "517499"   "5176641"   "548631"   "5482670"   "548631"   "5496360"   "6416510"   "6547787"   "6567705"   "6665563"   "7004201"). PPN. OR ("7337011"). URPN. | US PGPUB;<br>USPAT; USOOR                          | OR | ON | 2008/12/01          |
| S10 | 2  | ("2005/0192637").URPN.   | USPAT  | OR | ON | 2008/12/01<br>19:47 |
| S11 | 35 | ("20020012914"   "20020061589"   "20030050259"   "20030073238"   "20040158289"   "20050119704"   "4819662"   "5265608"   "5328470"   "5702384"   "5797870"   "6151525"   "6238429"   "6365491"   "65657777"   "6567705"   "6749617").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>19:48 |
| S12 | 3  | ("2004/0158289").URPN.   | USPAT  | OR | ON | 2008/12/01<br>19:48 |

| 313 | 313     | ("20010000802"  | US-PGPUB;     | OR | ON                                      | 2008/12/01 |
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|     |         | "20010051148"   | EPO; JPO;     |    |   |            |
|     |         | "20010055590"   | DERWENT       |    |   |            |
|     |         | "20020001577"   |               |    |   |            |
|     |         | "20020012657"   |               |    |   |            |
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|     |         | "20020022022"   |               |    |   |            |
|     | i       | "20020022259"   |               |    |   |            |
|     |         | "20020026228"   |               |    |   |            |
|     |         | "20020031501"   |               |    |   |            |
|     |         | "20020031827"   |               |    |   |            |
|     |         | "20020048800"   |               |    |   |            |
|     |         | "20020049154"   |               |    |   |            |
|     |         | "20020055530"   |               |    |   |            |
|     |         | "20020065243"   |               |    |   |            |
|     |         | "20020072785"   |               |    |   |            |
|     |         | "20020077311"   |               |    |   |            |
|     | ******* | "20020098167"   |               |    | ***                                     |            |
|     |         | "20020107553"   |               |    |   |            |
|     |         | "20020110910" j |               |    |   |            |
|     |         | "20020110910"   |               |    |   |            |
|     |         | "20020115208" İ | 9             |    |   |            |
|     |         | "20020124855" İ |               |    |   |            |
|     |         | "20020127210"   |               |    |   |            |
|     |         | "20020133198" I |               |    |   |            |
|     |         | "20020142457" I | 9             |    | *                                       |            |
|     |         | "20020147172"   |               |    |   |            |
|     |         | "20020147329"   |               |    |   |            |
|     |         | "20020161410"   |               |    |   |            |
|     |         | "20020172663"   |               |    |   |            |
|     |         | "20020183720"   |               |    |   |            |
|     |         | "20030004403"   |               |    | 1                                       |            |
|     |         | "20030036773"   |               |    |   |            |
|     |         | "20030040777"   |               |    | 9                                       |            |
|     |         | "20030044802"   |               |    | 6                                       |            |
|     |         | "20030059463"   |               |    | 1                                       |            |
|     |         | "20030060854"   |               |    | 1                                       |            |
|     |         | "20030060854"   |               |    | **                                      |            |
|     |         | "20030065379"   |               |    | 6                                       |            |
|     |         | "20030073235"   |               |    | 9                                       |            |
|     |         | "20030082148"   |               |    | ***                                     |            |
|     |         | "20030087867"   |               |    |   |            |
|     |         | "20030104568"   |               |    | 6                                       |            |
|     |         | "20030105493"   |               |    | *************************************** |            |
|     |         | "20030113303"   |               |    | **                                      |            |
|     |         | "20030129750"   |               |    | *******                                 |            |
|     |         | "20030144702"   |               |    |   |            |
|     | Vesses  | "20030144703"   |               |    |   |            |
|     |         | "20030148351"   |               |    |   |            |
|     | -       | "20030148968"   |               |    |   |            |
|     | ,       | "20030146966"   |               |    |   |            |
|     |         | "20030153932    |               |    |   |            |
|     | *       | "20030171723"   |               |    |   |            |
|     |         | "20030171723    |               |    |   |            |
|     | *       | "20030187490" I |               |    |   |            |
|     | ž.      | "20030187490"   |               | 1  |   |            |

| ł | "20030204206" I                  | 1 1 | 1      |
|---|----------------------------------|-----|--------|
|   | "20030216476" I                  |     |        |
|   | "20030216476"  <br>"20030216811" |     |        |
|   |                                  |     |        |
|   | "20030216812"                    | 1   |        |
|   | "20040002739"                    |     |        |
|   | "20040006395"                    |     |        |
|   | "20040018174"                    |     |        |
|   | "20040038400"                    |     |        |
|   | "20040043006"                    |     |        |
|   | "20040047909"                    |     |        |
|   | "20040048286"                    |     |        |
|   | "20040087019"                    |     |        |
|   | "20040098075"                    |     |        |
|   | "20040131601"                    |     |        |
|   | "20040132184"                    |     |        |
|   | "20040158289" I                  |     |        |
|   | "20040158290"                    |     |        |
|   | "20040158290" I                  |     |        |
|   |                                  | 1   |        |
|   | "20040161421"                    |     |        |
|   | "20040208845"                    |     |        |
|   | "20040213770"                    | 1   |        |
|   | "20040214182"                    |     |        |
|   | "20040215251"                    |     |        |
|   | "20040215253"                    |     |        |
|   | "20040253209"                    |     |        |
|   | "20050002912"                    |     |        |
|   | "20050005923" I                  |     |        |
|   | "20050008628" i                  |     |        |
|   | "20050010492" İ                  |     |        |
|   | "20050012759"                    |     |        |
|   | "20050013870" I                  |     |        |
|   | "20050013870" I                  |     |        |
|   | "20050021091"                    |     |        |
|   | "20050021091"                    |     |        |
|   | "20050025752  <br>"20050043675"  |     |        |
|   |                                  |     |        |
|   | "20050059153"                    |     |        |
|   | "20050059999"                    |     |        |
|   | "20050096701"                    |     |        |
|   | "20050118144"                    |     |        |
|   | "20050130136"                    |     |        |
|   | "20050137626"                    |     |        |
|   | "20050137631"                    |     |        |
|   | "20050137671"                    |     |        |
|   | "20050192637"                    |     |        |
|   | "20050192637"                    |     |        |
|   | "20050288721"                    |     |        |
|   | "3692027"   "4003379"            |     |        |
|   | "4146029"   "4202340"            |     |        |
|   | "4271192"   "4281664"            |     |        |
|   | "4299220"   "4470987"            |     |        |
|   | "4544371"   "4556063"            |     |        |
|   | "4559946"   "4651716"            |     |        |
|   | "4674518"   "4677989"            |     |        |
|   | "4686987"   "4693253"            |     |        |
|   | "4787389"   "4790317"            |     |        |
|   | "4871351"   "4880005"            |     |        |
|   |                                  |     |        |
|   | "4897987"   "4902508"            |     | ****** |
|   | •                                | ,   |        |

|     |     | "4930075" "4940054" "4949719" "49887897" "5014698" "5031621" "5058581" "5103821" "5113869" "51370141" "5137019" "5179946" "5188105" "518855" "5215083" "5251621" PN.   | "4924875" "4938231" "4948299" "4980379" "5002052" "5002786" "5040533" "5042497" "5040533" "5108462" "5179945" "518044" "5179945" "5184614" "5199428" "522917" "5259380").  |   |    |    |                     |
|-----|-----|--|--|---|----|----|---------------------|
| S14 | 509 | "5282836" "5292338" "5305745" "5394222" "5353800" "5366485" "5353800" "5366485" "540487776" "5416695" "5423883" "5435999" "5441525" "544525" "544525" "5458619" "5464434" "5561701" "5561761" "55607218" "5606291" "5602761" "5602761" | "527582e"   "5284156"   "5284156"   "5284156"   "5301565"   "5305856"   "5305856"   "5305826"   "5352463"   "5352463"   "5352463"   "5352463"   "5352463"   "5354317"   "5368028"   "5405862"   "5405862"   "5405862"   "5405862"   "5405862"   "5439483"   "5456692"   "5439483"   "5456692"   "5439483"   "5540728"   "552853"   "552853"   "5538722"   "55540728"   "55540728"   "55540728"   "55564211"   "55564211"   "55564211"   "55662713"   "55604211"   "556042115"   "556042115"   "556042115"   "556042115"   "556042115"   "56603331"   "556042115"   "56603331"   "566076866"   "55610172"   "56610172"   "56676866"   "5676866"   "5676866"   "5676866"   "5676866"   "5676866"   "5676866"   "5676866"   "5676866"   "5676866"   "5676866"   "5706829"   "57 | IUS-PGPUB;<br>USPAT; USOOR;<br>EPC; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>19:51 |

| "5709215"              | "5720770"     |   |       |     |  |
|------------------------|---------------|---|-------|-----|--|
| "5725561"              | "5725562"     |   |       |     |  |
| "5730125"              | "5730141"     |   |       |     |  |
| "5733727"              | j "5741319" j |   |       |     |  |
| "5749900"              | "5772604"     |   |       |     |  |
| "5782876"              |               |   |       |     |  |
| "5797967"              | "5800464"     |   |       |     |  |
| "5800498"              |               |   |       |     |  |
| "5817131"              | "5824049"     |   |       |     |  |
| "5833603"              |               |   |       |     |  |
| "5834029"              | "5836935"     |   |       |     |  |
| "5849033"              | "5855610"     |   |       |     |  |
| "5865787"              | "5873904"     |   |       |     |  |
| "5874420"              | "5876353"     |   |       |     |  |
| "5879295"              | "5885797"     |   |       |     |  |
| "5893881"              | "5899928"     |   |       |     |  |
|                        |               |   | -     |     |  |
| "5913879"              | "5914242"     |   | ***   |     |  |
| "5916239"<br>"E00E066" |               |   | 4     |     |  |
| "5925066"              | "5928943"     |   |       | 1   |  |
| "5945577"              | "5949659"     |   | 4     |     |  |
| "5957861"              | "5957957"     |   |       |     |  |
| "5967986"              |               |   |       |     |  |
| "5978705"              | "5991660"     |   |       |     |  |
| "5991668"              | "6005009"     |   |       |     |  |
| "6016447"              | "6016448"     |   |       |     |  |
| "6021350"              |               |   |       |     |  |
| "6035233"              | "6044297"     |   |       |     |  |
| "6048722"              | "6049735"     |   |       |     |  |
| "6050980"              | "6059726"     |   |       |     |  |
| "6066094"              |               |   |       | -   |  |
| "6078834"              | "6083930"     |   |       |     |  |
| "6090622"              | "6096070"     |   |       |     |  |
| "6096347"              | "6099832"     |   | -     |     |  |
| "6100242"              |               |   |       |     |  |
| "6110459"              | "6112116"     |   | 9     |     |  |
| "6112117"              | "6114164"     |   | 7     |     |  |
| "6115636"              | "6128526"     |   | 1     |     |  |
| "6135976"              | "6140740"     |   | -     |     |  |
| "6151525"              | "6152955"     |   | 1     |     |  |
| "6154672"              | "6154675"     |   | **    |     |  |
| "6155267"              | "6156572"     |   | ****  |     |  |
| "6161042"              |               |   | 40000 |     |  |
| "6168801"              | "6174871"     |   | **    |     |  |
| "6198394"              | "6199554"     |   | ***   |     |  |
| "6200265"              | "6203495"     |   | ***   |     |  |
| "6206914"              | "6207451"     |   | *     |     |  |
| "6213942"              | "6221011"     |   |       |     |  |
| "6224566"              | "6231516"     | ĺ | ***   |     |  |
| "6235970"              | i "6237398" i |   |       | *** |  |
| "6245566"              | "6251125"     |   |       |     |  |
| "6254573"              | "6256233"     |   |       |     |  |
| "6261230"              |               |   |       |     |  |
| "6270457"              | "6272377"     |   |       |     |  |
| "6273377"              |               | É |       |     |  |
| "6277078"              | l "6278894" l | ĺ |       |     |  |
|                        | "6284242"     | ĺ |       |     |  |
|                        | "6298267"     | ĺ |       |     |  |
| 020,200                | 1 0200201     | 1 | 3     | 3   |  |

| S18 | 10                                      | ("2005/0096701").URPN.  | USPAT  | OR | ON   | 2008/12/01<br>19:58                     |
|-----|---|---|--|----|------|---|
| S17 | 1049                                    | S1 S2 S3 S4 S5 S9 S11<br>S13 S14  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT   | OR | ON   | 2008/12/01<br>19:53                     |
| 315 | 3                                       | "6759236"   "6775574"   "6801805"   "681026"   "681026"   "685124"   "6905222"   "6905476"   "6919207"   "6965798"   "6973349"   "RE35779").PN. | USPAT  | OR | ON   | 2008/12/01<br>19:51                     |
|     | *************************************** | "6666826"   "6671558"  <br>"6689117"   "6690970"  <br>"6702777"   "6733996"  <br>"6735471"   "6748653"  |  |    |      |   |
|     |   | "6623474"   "6653291"  <br>"6656517"   "6660737"  | Similar di Articologia   |    |      |   |
|     |   | "6596745"   "6604000"  <br>"6610716"   "6623473"  | - Anneason   |    | **** |   |
|     |   | "6575931"   "6592623"   | Designation of   |    |      | *************************************** |
|     |   | "6539256"   "6540725"  <br>"6541116"   "6574507"  | - Continues of the Cont |    | *    | *************************************** |
|     |   | "6511477"   "6518245"  <br>"6520256"   "6540725"  | esine alle esine e |    |      | *************************************** |
|     |   | "6501983"   "6507756"   | es es es es es es es es es es es es es e   |    |      | *************************************** |
|     |   | "6468985"   "6473640"  <br>"6475232"   "6478737"  | and the same of th |    |      | *************************************** |
|     |   | "6463335"   "6468263"   | 2002000  |    |      | *************************************** |
|     |   | "6459917"   "6459929"   | nace con   |    |      | *************************************** |
|     |   | "6451594"   "6453195"   |  |    |      |   |
|     |   | "6438419"   "6440066"  <br>"6442413"   "6443949"  |  |    |      |   |
|     |   | "6436672"   "6436907"   |  |    |      |   |
|     |   | "6424847"   "6428802"   |  |    |      |   |
|     |   | "6411840"   "6411844"   |  |    |      |   |
|     |   | "6399300"   "6410236"   |  |    |      |   |
|     |   | "6370424"   "6385491"  <br>"6387369"   "6398728"  |  |    |      |   |
|     | •                                       | "6361780"   "6368284"   |  |    |      |   |
|     | •                                       | "6358203"   "6361522"   |  |    |      |   |
|     |   | "6336903"   "6358202"   |  |    |      |   |
|     | •                                       | "6330481"   "6331160"   |  |    |      |   |
|     |   | "6309370"   "6312378"  <br>"6316419"   "6317631"  |  |    | 1    |   |

| S19 37  | ["3543762"   "5083564"  <br>"5087243"   "5186181"  <br>"5306293" "5405375"  <br>"5433735"   "5534018"  <br>"5433735"   "5534018"  <br>"5785760"   "5782760"  <br>"5855570"   "6099832"  <br>"6173205"   "6205359"  <br>"6317631").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>19:59 |
|---------|---|--|----|----|---------------------|
| S20 263 | ['20020177885"   "20030073888"   "20030073888"   "200301414884"   "200301819862"   "20040014052"   "20040014052"   "30403310"   "3127895"   "3329148"   "3464010"   "3533403"   "3513851"   "353403"   "3513851"   "353403"   "3513851"   "3543762"   "3566877"   "368057"   "3566877"   "368057"   "3670737"   "3800802"   "3890553"   "3893462"   "3915151"   "39527511"   "39527511"   "39527511"   "39527511"   "39527511"   "39527511"   "39527511"   "39527511"   "39527511"   "39527511"   "3952751"   "3800655"   "4197811"   "4210152"   "4202366"   "4266532"   "4305115"   "4210152"   "4226246"   "4266532"   "4305115"   "431411"   "4323056"   "4338945"   "44767801"   "44767801"   "4477877"   "4535775"   "4548208"   "4574809"   "447187"   "465898"   "4674822"   "4658887"   "4658988"   "46748629"   "4619264"   "462952"   "4757804"   "4758429"   "4757804"   "4758429"   "475849"   "4895154"   "4992742"   "4993413"   "4992742"   "4993413"   "4992742"   "5014669"   "5014669"   "5014669"   "5045050"   "5059288"   "5088976"   "5099756"   "50988976"   "5193898"   "5158081"   "5158081"   "51861811"   "5189841"   "5267938" | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01          |

|     | *************************************** | "5314401" "5338286"   "5332458"   "5370680"   "5395398" "5401233"   "5433735"   "5441495"   "5478303"   "5549639"   "5547859"   "5554863"   "5634939"   "5776175"   "5800458"   "5842477"   "5863531"   "5902741"   "5902255"   "6334069"   "6253763"   "6458121"   "7105292") PN.  |  |    |     |                     |
|-----|---|---|--|----|-----|---------------------|
| S21 | 2                                       | ("7320675").PN.   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/01<br>20:01 |
| 822 | 234                                     | ("20010000802"   "200100051767"   "20010051767"   "200200228"   "20020031827"   "20020031827"   "20020031827"   "20020087116"   "2002009302"   "2002009302"   "2002019308"   "20020120306"   "20020124855"   "20020164110"   "20020164945"   "20030036773"   "20030036805"   "20030045805"   "20030068854"   "20030068854"   "20030068854"   "20030167081"   "2004002739"   "2004002739"   "20040093034"   "20050192637"   "20050192637"   "20050288721"   "20050288721"   "20060015146"   "3692027"   "400379"   "4281664"   "4299220"   "4281664"   "4299220"   "4470987"   "4455946"   "4556063"   "4559446"   "456643"   "4455946"   "456868"   "4459253"   "4871351"   "4480005" | US-PGPUB;<br>USPAT; USOCR                          | OR | ON  | 2008/12/01          |

| "4897987"    | "4904472"   |  |   |  |
|--------------|-------------|--|---|--|
| "4924875" İ  | "4930075" i |  |   |  |
| "4944299" I  |             |  |   |  |
| "4987897"    |             |  |   |  |
| "5014698" I  |             |  |   |  |
| "5041107" I  |             |  |   |  |
|              |             |  |   |  |
| "5058581"    |             |  |   |  |
| "5113869"    | "5127404"   |  |   |  |
| "5135004"    | "5137019"   |  |   |  |
| "5184614"    | "5190035"   |  |   |  |
| "5199428" j  | "5215083" i |  |   |  |
| "5220917"    |             |  |   |  |
| "5282836"    |             |  |   |  |
| "5305745"    |             |  |   |  |
|              |             |  |   |  |
| "5342408"    |             |  | 1 |  |
| "5353800"    |             |  |   |  |
| "5354317"    |             |  |   |  |
| "5368028"    |             |  | 1 |  |
| "5404877"    | "5405362"   |  | * |  |
| "5416695"    | "5417717"   |  |   |  |
| "5431682" İ  | "5456692" i |  |   |  |
| "5460605" i  |             |  |   |  |
| "5496360"    |             |  | - |  |
| "5531768" I  |             |  |   |  |
| "5545186" I  |             |  |   |  |
|              |             |  |   |  |
| '5556421"    |             |  |   |  |
| "5562711"    |             |  |   |  |
| "5579876"    |             |  |   |  |
| "5586556"    | "5591215"   |  |   |  |
| "5603331"    | "5607418"   |  |   |  |
| "5607463" i  | "5609613" i |  |   |  |
| "5632766" i  |             |  |   |  |
| "5662689" i  | "5676686" i |  | - |  |
| "5683424"    |             |  | 9 |  |
| "5693075").I |             |  | 1 |  |
|              | "5713934"   |  | 9 |  |
|              |             |  | 1 |  |
| "5720770"    |             |  | 1 |  |
| "5733313"    |             |  | - |  |
| "5782879"    |             |  | 1 |  |
| "5800498"    |             |  | 1 |  |
| "5814089"    | "5817131"   |  | - |  |
| "5833603"    | "5836935"   |  | 1 |  |
| "5893881"    | "5899928"   |  | - |  |
| "5906633" j  | "5919210" i |  | 1 |  |
| "5925066"    |             |  | 1 |  |
| "5957957"    |             |  | 1 |  |
| "5978705"    |             |  | 1 |  |
| "6016443" I  |             |  | i |  |
|              |             |  |   |  |
| "6016448"    |             |  |   |  |
| "6022322"    |             |  |   |  |
| "6076015"    |             |  |   |  |
| "6112116"    | "6112117"   |  |   |  |
| "6115636"    | "6117296"   |  |   |  |
| "6128526" j  | "6140740" j |  |   |  |
| "6141588" İ  |             |  |   |  |
| "6154675" I  |             |  |   |  |
|              | "6168801"   |  |   |  |
|              |             |  |   |  |

| 326 | 322                                     | ("20010000802"                   | US-PGPUB;     | OR  | ON                                      | 2008/12/01 |
|-----|---|----------------------------------|---------------|-----|---|------------|
|     | *****                                   | "20010016193"                    | USPAT; USOCR; |     |   | 20:13      |
|     |   | "20010051148" İ                  | EPO; JPO;     |     |   |            |
|     |   | "20010055590" İ                  | DERWENT       |     |   |            |
|     |   | "20020001577" I                  |               |     |   |            |
|     | •                                       | "20020012657"                    |               |     |   |            |
|     |   | "20020019350"                    |               |     |   |            |
|     | •                                       | "20020022259"                    |               |     |   |            |
|     |   | "20020026228"                    |               |     |   |            |
|     |   | "20020031501"                    |               |     |   |            |
|     |   | "20020031827"                    |               |     |   |            |
|     |   | "20020048800"                    |               |     |   |            |
|     |   | "20020049154"                    |               |     |   |            |
|     |   | "20020045134"                    |               |     |   |            |
|     |   | "20020003246"                    |               |     |   |            |
|     |   | "20020077311"                    |               |     |   |            |
|     |   | "20020077311"                    | -             |     |   |            |
|     |   | "20020098167                     |               |     |   |            |
|     |   | "20020107553                     | - Santa       |     |   |            |
|     | 4                                       | "20020110910  <br>"20020115208"  | -             |     | ***                                     |            |
|     |   | "20020113206  <br>"20020124855"  |               |     |   |            |
|     |   | "20020124855" I                  |               |     |   |            |
|     |   | "20020124655  <br>"20020127210"  |               |     | 1                                       |            |
|     |   |                                  |               |     |   |            |
|     |   | "20020133198"  <br>"20020142457" | 9             |     |   |            |
|     |   |                                  |               |     |   |            |
|     |   | "20020147172"                    |               |     |   |            |
|     |   | "20020155101"                    |               |     |   |            |
|     |   | "20020161410"                    |               |     |   |            |
|     |   | "20020172663"                    |               |     |   |            |
|     |   | "20020183686"                    |               |     |   |            |
|     |   | "20020183720"                    | -             |     |   |            |
|     |   | "20030003677"                    |               |     |   |            |
|     |   | "20030004403"                    |               |     | 1                                       |            |
|     |   | "20030040777"                    |               |     | 1                                       |            |
|     |   | "20030044802"                    |               |     | 1                                       |            |
|     |   | "20030055530"                    |               |     | 100                                     |            |
|     |   | "20030059463"                    |               |     | *                                       |            |
|     |   | "20030060854"                    |               |     | 1                                       |            |
|     |   | "20030065379"                    |               |     | 100                                     |            |
|     |   | "20030073235"                    |               |     | ********                                |            |
|     | ,                                       | "20030082148"                    |               |     | ***                                     |            |
|     |   | "20030087867"                    |               |     | 0.00                                    |            |
|     |   | "20030104568"                    |               |     | ***                                     |            |
|     |   | "20030113303"                    |               |     | ****                                    |            |
|     | *************************************** | "20030125615"                    |               |     | -                                       |            |
|     | i                                       | "20030129750"                    |               |     | *************************************** |            |
|     |   | "20030130581"                    |               |     |   |            |
|     | ,                                       | "20030148968"                    |               |     |   |            |
|     |   | "20030153952"                    |               |     |   |            |
|     |   | "20030167081"                    |               |     |   |            |
|     |   | "20030171723"                    |               |     |   |            |
|     | 1                                       | "20030181396"                    |               |     |   |            |
|     | *************************************** | "20030187490"                    |               |     |   |            |
|     | ****                                    | "20030195470"                    |               |     | 1                                       |            |
|     | ******                                  | "20030204206"                    |               |     |   |            |
|     |   | "20030211130"                    |               |     |   |            |
|     | š                                       | "20030216811"                    |               | i . | 1                                       | 1          |

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|              | "4987" "5014 "5040" "5042" "5087" "51133" "5137" "5179" "5188" "5215" "5251" "5282" "5292"   | 719"   "4980: 897"   "5002! 6998"   "5002! 6998"   "5031! 5533"   "5041: 497"   "5058! 2243"   "5109: 869"   "5127: 141"   "5135: 019"   "5179: 946"   "5184! 105"   "5190: 621"   "5259: 3301"   "5275: 336"   "5284 338").PN.   | 052"  <br>621"  <br>107"  <br>581"  <br>842"  <br>404"  <br>904"  <br>945"  <br>614"  <br>935"  <br>428"  <br>9380"  <br>836"  |   |    |    |                     |
|--------------|--|---|--|---|----|----|---------------------|
| <b>27</b> 47 | "5512" "5326" "5336" "5346" "5352" "53546" "5401" "5401" "5401" "5401" "5401" "5401" "57401" "57401" "57401" "57401" "57401" "57401" "57401" | 1677   'S308.653'   'S344.853'   'S514.853'   'S514.853'   'S514.853'   'S514.853'   'S514.853'   'S514.853'   'S514.853'   'S514.853'   'S539.853'   'S539.853'   'S539.853'   'S539.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S549.853'   'S569.853' | 430"   43 | US-PGPUB;<br>US-PGT; USCOR;<br>EPC; JPC;<br>DERWENT | OR | ON | 2008/12/01<br>20:13 |

|             | "5797967"     |          | l |   |   |  |
|-------------|---------------|----------|---|---|---|--|
|             | "5800498"     |          |   |   |   |  |
|             | "5817131"     |          |   |   |   |  |
|             | "5833603"     |          |   |   |   |  |
|             | "5834029"     |          |   |   |   |  |
| "5836935"   | "5849033"     |          |   |   |   |  |
|             | "5873904"     |          |   |   |   |  |
| "5874420"   | "5875206"     |          |   |   |   |  |
| "5876353"   | "5879295"     |          |   |   |   |  |
| "5885797"   | "5893881"     |          |   |   |   |  |
| "5899928"   | "5913879"     |          |   |   |   |  |
| "5914242"   | "5916239"     |          |   |   |   |  |
| "5919210"   | "5926066"     |          |   |   |   |  |
| "5928943"   | "5945577"     |          |   |   |   |  |
| "5949659"   | "5957861" j   |          |   | -                                       |   |  |
| "5957957"   | "5967986" i   |          |   |   |   |  |
| "5968079" i | "5978705"     | -        |   | -                                       | - |  |
|             | "5991668"     | -        |   | *****                                   |   |  |
|             | "6016448"     | 0        |   | ***                                     | - |  |
|             | "6022322"     | Decise   |   | *************************************** | - |  |
|             | "6044297"     | -        |   | -                                       | - |  |
| "6048722" i | i "6049735" i | 940000   |   |   |   |  |
| "6050980" i | "6059726" i   | -        |   |   |   |  |
| "6066094" i | "6076015" i   |          |   |   |   |  |
|             | "6096070"     | -        |   |   |   |  |
| "6096347"   | "6099832"     | eseesee. |   |   |   |  |
|             | "6104949"     | -        |   |   |   |  |
| "6110459"   | "6112116"     | 0        |   |   |   |  |
| "6112117"   | "6114164"     | Person   |   | *************************************** |   |  |
| "6115636"   | "6128526"     | -        |   |   |   |  |
| "6135976"   | "6140740"     | -        |   |   |   |  |
| "6151525"   | "6152955"     | ******   |   |   |   |  |
| "6154672"   | "6154675"     | -        |   | ******                                  |   |  |
| "6155267"   | "6156572"     | -        |   | -                                       |   |  |
| "6161042"   | "6165164"     | -        |   | 9                                       |   |  |
| "6168801"   | "6174871"     |          |   | ***                                     |   |  |
| "6198394"   | "6200265"     |          |   | -                                       |   |  |
| "6203495"   | "6206914"     |          |   | 9                                       |   |  |
| "6207451"   | "6213942"     |          |   | ***                                     |   |  |
| "6221011"   | "6224566"     |          |   | 1                                       |   |  |
| "6231516"   | "6235970"     |          |   | 999                                     |   |  |
| "6237398"   | "6251125"     |          |   | ********                                | - |  |
| "6254573"   | "6256233"     |          |   | **                                      |   |  |
| "6261230"   | "6266554"     |          |   | ******                                  | - |  |
| "6270457"   | "6272377"     |          |   | **                                      |   |  |
| "6273377"   | "6277072"     |          |   | ***                                     |   |  |
| "6277078"   | "6278894"     |          |   | *************************************** |   |  |
| "6280380"   | "6284242"     |          |   |   |   |  |
| "6287285"   | "6298267"     |          |   |   |   |  |
| "6298272"   | "6306830" j   |          |   | ***                                     |   |  |
| "6309370" i | "6312378"     |          |   | ***                                     |   |  |
| "6316419"   | "6317631"     |          |   |   |   |  |
|             | "6331160"     |          |   |   | - |  |
|             | "6358202"     |          |   | ***                                     |   |  |
|             | "6361522"     |          |   | ***                                     |   |  |
|             | "6368284"     |          |   |   |   |  |
|             | "6385491"     | 1        |   | 1                                       |   |  |

| 32 | 188 | (*20010025 | 193"                       | US-PGPUB;                               | OR | ON                                      | 2008/12/01                              |
|----|-----|------------|----------------------------|---|----|---|---|
|    |     | 200200315  | 501" J                     | USPAT; USOCR                            |    |   | 20:16                                   |
|    | *   | "200200353 | 888" j                     |   |    |   | *************************************** |
|    | i   | "200200449 | 925" j                     |   | İ  |   |   |
|    |     | "200200870 | 189"                       |   |    | 9                                       |   |
|    |     | "200201237 | 771"                       |   |    |   |   |
|    |     | "200301999 | 957"                       |   |    |   |   |
|    |     | "4316472"  | "4354497"                  |   |    |   |   |
|    |     |            | "4565200"                  |   |    | 1                                       |   |
|    | i   |            | "4616333"                  |   |    |   |   |
|    |     |            | "4660571"                  |   |    | 9                                       |   |
|    |     |            | "4790311"                  |   |    |   |   |
|    |     |            | "4799493"                  |   |    | -                                       |   |
|    |     |            | "4882777"                  |   |    |   |   |
|    |     |            | "4940064"                  |   |    | **                                      |   |
|    |     |            | "4998933"                  | -                                       |    |   |   |
|    |     |            | "5058599"                  | ***                                     |    | ***                                     |   |
|    |     |            | "5103821"                  | *************************************** |    |   |   |
|    |     | "5107850"  |                            | -                                       |    |   |   |
|    |     |            | "5209229"  <br>"5228442"   | -                                       |    | *                                       |   |
|    |     |            | "5255679" I                | -                                       |    |   |   |
|    |     | "5259395"  |                            | ***                                     |    |   |   |
|    |     | "5293868"  |                            | -                                       |    |   |   |
|    |     |            | "5311873"                  | *************************************** |    | ***                                     |   |
|    |     | "5313943"  |                            | ******                                  |    |   |   |
|    |     |            | "5324284"                  | -                                       |    | ***                                     |   |
|    |     | "5325860"  |                            | -                                       |    |   |   |
|    |     | "5336222"  |                            | *************************************** |    |   |   |
|    |     | "5345936"  | "5345940"                  | ***                                     |    |   |   |
|    |     | "5366486"  |                            | -                                       |    |   |   |
|    |     | "5366490"  |                            | -                                       |    |   |   |
|    |     | "5370678"  | "5385544"                  |   |    | ***                                     |   |
|    |     | "5391199"  | "5400796"                  | ***                                     |    | -                                       |   |
|    |     | "5403311"  | "5405376"                  | 200                                     |    | -                                       |   |
|    |     | "5409000"  | "5409453"                  |   |    | *************************************** |   |
|    |     | "5411524"  | "5421819"                  |   |    | **                                      |   |
|    |     |            | "5423811"                  |   |    | ***                                     |   |
|    |     |            | "5431649"                  |   |    | 9                                       |   |
|    |     |            | "5433708"                  |   |    | **                                      |   |
|    |     | "5435805"  |                            |   |    | 9                                       |   |
|    |     |            | "5464431"                  |   |    | ****                                    |   |
|    |     | "5470308"  |                            |   |    | *                                       |   |
|    |     | "5484400"  |                            |   |    | **                                      |   |
|    |     | "5487385"  |                            |   |    | ****                                    |   |
|    | 1   | "5496360"  |                            |   |    | · section ·                             | ******                                  |
|    |     |            | "5509900"                  |   |    | *************************************** |   |
|    | *** | "5545193"  |                            |   |    |   | *************************************** |
|    |     |            | "5562720"                  | 1                                       |    |   |   |
|    | *** |            | "5571088"  <br>  "EE7E7CC" |   |    |   | ***                                     |
|    |     |            | "5575766"  <br>  "EE7E910" |   |    |   | ******                                  |
|    |     | "5575772"  | "5575810"  <br>  "5588432" |   |    |   |   |
|    | **  |            | "5606974"                  |   |    |   | ***                                     |
|    |     |            | "5606974"  <br>  "5607462" |   |    |   | *************************************** |
|    | *** |            | 5607462  <br>  "5617854"   |   |    |   | ***                                     |
|    | 1   |            | "5645082"                  |   |    |   |   |

| S35         | 273  | \$33 and ((express or<br>express\$4 or transcription<br>\$3) same (gene or genetic<br>or vector promoter or<br>promoter or regulat\$4 or<br>modulat\$4))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:18 |
|-------------|------|--|--|----|-----|---------------------|
| S36         | 297  | \$33 and ((express or<br>express\$4 or transcription<br>\$3) same (gene or genetic<br>or vector promoter or<br>promoter or regulat\$4 or<br>modulat\$4 or control\$4))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:19 |
| <b>⊗</b> 7  | 303  | \$33 and ((express or<br>express\$4 or transcription<br>\$3) same (protein or gene<br>or genetic or vector<br>promoter or promoter or<br>regulats\$4 or modulat\$4 or<br>control\$4))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:21 |
| S38         | 0    | ("2004/00 <b>73</b> 260").URPN.  | USPAT  | OR | ON  | 2008/12/01<br>20:27 |
| <b>S</b> 39 | 3    | ("6919205 ").PN.   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/01<br>20:28 |
| S40         | 19   | (*4509520"   "4535775"  <br>"4600010"   "4683873"  <br>"5014699"   "503879"  <br>"5269746"   "5273033"  <br>"5338286"   "5374283"  <br>"5743844"   "5968527"  <br>"6083149"   "6132362"  <br>"6186940"   "6261221"  <br>"6485963"), PN. OR<br>("6919205"). URPN. | US-PGPUB;<br>USPAT; USOCR                          | OR | ON  | 2008/12/01<br>20:28 |
| S41         | 1580 | S1 S2 S3 S4 S5 S9 S11<br>S13 S14 S19 S20 S22 S26<br>S27 S30 S32 S40  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:29 |
| S43         | 310  | \$41 and ((express or<br>express\$4 or transcription<br>\$3) same (protein or gene<br>or genetic or vector<br>promoter or promoter or<br>regulat\$4 or modulat\$4 or<br>control\$4))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:29 |
| S44         | 0    | ("2004/0014052").URPN.   | USPAT  | OR | ON  | 2008/12/01<br>20:31 |

| S45         | 16   | ["20020001629"  <br>"2002001629A1"  <br>"20020072846"  <br>"20020099026"  <br>"5224922"   "5566685"  <br>"5995860"   "6263878"  <br>"6759236").PN.                                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01 20:33    |
|-------------|------|---|--|----|-----|---------------------|
| S46         | 29   | ("2002/0099026").URPN.  | USPAT  | OR | ON  | 2008/12/01<br>20:33 |
| S47         | 3    | ("6919207").PN.   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/01<br>20:34 |
| S48         | 7    | ("6919207").URPN.   | USPAT  | OR | ON  | 2008/12/01<br>20:34 |
| <b>S4</b> 9 | 1611 | S1 S2 S3 S4 S5 S9 S11<br>S13 S14 S19 S20 S22 S26<br>S27 S30 S32 S40 S46 S48   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:34 |
| <b>S</b> 50 | 341  | S49 and ((express or<br>express\$4 or transcription<br>\$3) same (protein or gene<br>or genetic or vector<br>promoter or promoter or<br>regulat\$4 or modulat\$4 or<br>control\$4)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01 20:34    |
| S51         | 186  | ("4182330"   "4332893"  <br>"4351337"   "4353888"  <br>"4636195"   "4824436"  <br>"5049132").PN. OR<br>("5328470").URPN.  | US-PGPUB;<br>USPAT; USOOR                          | OR | ON  | 2008/12/01<br>20:38 |
| S52         | 1784 | S1 S2 S3 S4 S5 S9 S11<br>S13 S14 S19 S20 S22 S26<br>S27 S30 S32 S40 S46 S48<br>S51  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:38 |
| <b>S</b> 54 | 461  | S52 and ((express or<br>express\$4 or transcription<br>\$3) same (protein or gene<br>or genetic or vector<br>promoter or promoter or<br>regulat\$4 or modulat\$4 or<br>control\$4)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01 20:38    |
| S55         | 61   | ("5091205"   "5252479"  <br>"5304121"   "5328470").<br>PN. OR ("5652225").URPN.   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON  | 2008/12/01<br>20:41 |
| S56         | 83   | ("5661133").URPN.   | USPAT  | OR | ON  | 2008/12/01<br>20:46 |
| S57         | 1839 | S1 S2 S3 S4 S5 S9 S11<br>S13 S14 S19 S20 S22 S26<br>S27 S30 S32 S40 S46 S48<br>S51 S66  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:46 |

| S58 | 503 | S57 and ((express or<br>express\$4 or transcription<br>\$3) same (protein or gene<br>or genetic or vector<br>promoter or promoter or<br>regulat\$4 or modulat\$4 or<br>control\$4))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:46 |
|-----|-----|--|--|----|-----|---------------------|
| S59 | 182 | S57 and ((express or express\$4 or transcription \$\$3) same (protein or gene or genetic or vector promoter or promoter or promoter or promoter or promoter or promoter or promoter or promoter or occurrents\$4 or modulatory)) and ((electric\$4 or electromagnetic\$4 or electromagnetic\$4 or magnetic\$4 or trimulat \$4 or activat\$4 or field)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:48 |
| S60 | 1   | ("2003/0204206").URPN.   | USPAT  | OR | ON  | 2008/12/01<br>20:51 |
| S61 | 43  | ("20010031919"   "20020127408"   "20020127408"   "20030140008"   "4035565"   "4243770"   "4440615"   "4973633"   "5591517"   "5854342"   "5932626"   "6133373"   "6151525"   "6169139"   "6238798"   "6343665"   "6391433"   "6693746"   "6810286") .PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | ÖR | ON  | 2008/12/01<br>20:52 |
| S62 | 172 | S57 and ((express or<br>express\$4 or transcription<br>\$3) same (electric\$4 or<br>electromagnetic or<br>electromagnetic\$4 or<br>magnetic\$4))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>20:56 |
| S63 | 3   | ("2003/0087264").URPN.   | USPAT  | OR | ON  | 2008/12/01<br>21:17 |
| S64 | 19  | ("20020099025"  <br>"4839343"   "5026685"  <br>"5219740"   "5385915"  <br>"5681744"   "5981225"  <br>"6071889"   "6303116").<br>PN.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>21:17 |
| S67 | 2   | ("7020560").PN.  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/01<br>21:20 |
| S68 | 1   | ("20030049799").PN. OR<br>("7020560").URPN.  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON  | 2008/12/01<br>21:20 |

| S69  | 2  | ("2002/0031827").URPN.  | USPAT                     | OR | ON | 2008/12/01<br>21:22 |
|------|----|---|---------------------------|----|----|---------------------|
| \$70 | 43 | ["20020052634"   "20020125769"   "20030211084"   "20030211084"   "20040138709"   "20050203591"   "20060190043"   "20060235473"   "20070299472"   "4467809"   "4467809"   "4467809"   "4467809"   "4467808"   "4467809"   "4467808"   "4467809"   "4467808"   "4467809"   "4467808"   "4467809"   "4467808"   "4467809"   "4467808"   "4467809"   "4467808"   "4467809"   "4599520"   "4595775"   "55014699"   "4595775"   "55014699"   "5038797"   "5289746"   "5273033"   "5743844"   "5968527"   "6085089"   "6747283"   "6085089"   "6485963"   "6685089"   "67485963"   "6722566"   "7136962"   "7158835"   "7167753"   "7215995"   N. OR ("7429471") UFFN. | US PGPUB;<br>USPAT; USOOR | OR | ON | 2008/12/01          |
| S71  | 43 | ("20020052634"   "20020125769"   "20030211084"   "20040138709"   "20050230591"   "20060190043"   "20060235473"   "20070299472"   "4437808"   "4467809"   "4487834"   "4506674"   "4509520"   "445781"   "4509520"   "4535775"   "4598547"   "4600010"   "4693873"   "4998532"   "5014699"   "5038797"   "5269746"   "5273033"   "5743844"   "5968527"   "6085389"   "6347283"   "6292699"   "6485963"   "6292699"   "6485963"   "6919205"   "6955642"   "7158835"   "7167763"   "7158955"   "715753"   "7215995"   "N. OR ("7374916") URPN.   | USPAT; USOOR              | OR | ON | 2008/12/01<br>21:25 |

| 572  | 35  | ("3523807"   "4146029"   '4476868"   "4540573"   '4546786"   "455668"   '473665"   "455668"   '4733665"   "4753635"   '4800882"   "4821723"   '4886062"   "4911717"   '4944659"   "5168078"   '5144949"   "5158078"   '5192297"   "5199428"   '5207218"   "5312453"   '52142348"   "5334316"   '5372600"   "5409000"   '5411551"   "5419760"   '5429634"   "5510077"   '5429634"   "5510077"   | US POPUB;<br>USPAT; USCOR | OR | ON | 2008/12/01 21:26 |
|------|-----|--|---------------------------|----|----|------------------|
| 573  | 98  | ("3528807"   "4146029"   "4476868"   "4540573"   "4548736"   "4550063"   "451865"   "473665"   "4753655"   "473665"   "4811723"   "4886062"   "4811723"   "4886062"   "4911717"   "5131388"   "5102417"   "5131388"   "5102417"   "5134288"   "5207218"   "5192925"   "5207218"   "5192925"   "5207218"   "5394281"   "5332507"   "5342348"   "5343416"   "5372600"   "541950"   "541551"   "5419760"   "541551"   "5419760"   "541561"   "5510077"   "5545166"   "5524411"   "5651979"   "5704910"   "5714316"   "5704910"   "5714316"   "5704910"   "5714316"   "5704910"   "5714316"   "5703910"   "511316"   "5797870"   "5800421"   "532460"   PN. OR   ("6206914") URPN. | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/12/01       |
| \$74 | 152 | ("20010023349"   "20020124855"   "20020144855"   "20020146557"   "20030040712"   "20030078671"   "20030105493"   "20040208845"   "20040213756"   "20050031874"   "20040213756"   "20040213756"   "20040213756"   "20040213756"   "20040213756"   "20040213756"   "20040213756"   "20040213756"   "5204234"   "500185"   "55024234"   "5049130"   "5922436"   "5172171"   "5202745"   "5203338"   "5273300"   "5292166"   "5321501"   "5336252"   | US POPUB;<br>USPAT; USOOR | OR | ON | 2008/12/01 21:30 |

| "5354279"   ":                  |            |   |  |     |
|---------------------------------|------------|---|--|-----|
| "5372138"   "                   | 5380292"   |   |  |     |
| "5437632"   "                   | 5459570"   |   | 1  |     |
| "5464395"   "                   | 5465147"   |   |  |     |
| "5485486"   "                   |            |   |  |     |
| "5540912"   "                   | 5546948"   |   |  |     |
| "5575815"   "                   | 5580856"   |   |  |     |
| "5588432"   ":                  | 5621610"   |   |  |     |
| "5642234"   ":                  | 5655548"   |   | ***  |     |
| "5693029" i ":                  | 5722403" i |   |  |     |
| "5740808" i ":                  | 5785689" i |   |  |     |
| "5827313" i ":                  | 5843156" j |   |  |     |
| "5879713" i ":                  |            |   | ***  |     |
| "5919449" i ":                  | 5935160" i |   |  |     |
| "5939323" i ":                  | 5941868" i |   |  |     |
| "5957941" i ":                  | 5968064" i |   |  |     |
| "5979449"   "                   |            |   |  |     |
| "5997536" i "                   |            |   | 4  | *   |
| "6045565" i "                   |            |   | 1  |     |
|                                 | 6058329"   |   | ***  |     |
| "6071305" i "                   | 6086582" i |   |  |     |
| "6093177" j "                   | 6099563" j |   |  |     |
| "6099864" j "                   | 6102887" j |   |  |     |
| "6102904" i "                   | 6102926" i |   |  |     |
| "6120520" j "                   | 6120904" i |   | 1  |     |
| "6133231"   "                   | 6134003"   |   |  |     |
| "6151525"   "                   | 6152141"   |   |  |     |
| "6153428"   "                   | 6159443"   |   | ***  |     |
| "6175669"   "                   | 6177407"   |   |  |     |
| "61 <b>7</b> 9809"   "          | 6183432"   |   | 1  |     |
| "6183444"   "                   | 6187330"   |   |  |     |
| "6190353"   "                   | 6191144"   |   |  | *** |
| "6193763"   "                   |            |   | 1  |     |
| "6201608"   "                   |            |   | -  |     |
| "6206914"   "                   |            |   | THE PERSON NAMED IN COLUMN TO PERSON NAMED I |     |
| "6210392"   "                   |            |   | **   |     |
| "6217554"   "                   |            |   | -  |     |
| "6231546"   "                   |            |   | -  |     |
| "6241710"   "                   |            |   | 40000  |     |
| "6283947"   "                   |            |   | **   |     |
| "6290729"   "                   |            |   | ***  |     |
| "6299604"   "                   |            |   | ***************************************  |     |
| "6315994"   "                   |            |   | **   |     |
| "6346098"   "                   |            |   | **   |     |
| "6346515"   "                   |            |   | ****   |     |
| "6358258"   "                   |            |   | *  |     |
| "6371935"   "1                  |            |   |  |     |
| "6379379"   "/                  |            |   |  |     |
| "6391052"   "                   |            |   |  |     |
| "6409716").Pt                   |            |   |  |     |
| ("6416510"   '                  |            |   |  |     |
| "6436135"   "<br>"6443949"   "  |            |   |  |     |
| "6443949"   " <br>"6464862"   " |            |   | -  |     |
| "6482231" I "                   |            |   |  |     |
| "6548081"   "                   |            |   |  |     |
| 0540001                         | JJJ40UI    | 1 | 1  | 3   |

|     |    | *662947"   *6632457"   *6632457"   *6632567"   *6660034"   *6682730"   *6682608"   *6702744"   *6706034"   *6730772"   *6748258"   *6749617"   *6777231"   *6790455"   *6858229"   *FE37463"), PN. OR (*7294334").URPN.   | ***************************************            |    |     |                     |
|-----|----|---|--|----|-----|---------------------|
| S75 | 2  | ("20020099323").PN.   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/01<br>21:36 |
| S76 | 4  | ("2002/0099323").URPN.  | USPAT  | OR | ON  | 2008/12/01<br>21:36 |
| S77 | 69 | ("1653819"   "4262672"   "4907601"   "5019034"   "5058605"   "5215088"   "5273525"   "5304120"   "5318514"   "5324511"   "5389069"   "5425752"   "5484386"   "5465220"   "5464386"   "5465220"   "557024"   "5507802"   "5536267"   "5547467"   "5536267"   "5567481"   "5702359"   "5718702"   "5720921"   "5749847"   "5780525"   "5786454"   "5789213"   "5807308"   "5807309"   "581762"   "58873891"   "5807308"   "5807309"   "581762"   "5893434"   "5869326"   "5893431"   "594715"   "5993434"   "5994127"   "59935669"   "6001617"   "5993434"   "60029611"   "60029611"   "6009345"   "6014528"   "6040184"   "6041253"   "605453"   "6110161"   "6120493"   "6302674") UGPN. OR   "6697669") UGPN. OR | US-PGPUB;<br>USPAT; USOOR                          | ОR | ON  | 2008/12/01          |

| 579 999                                   | -424 -449: -500 -502 -522 -533 -533 -534 -544 -556 -557 -577 -577 -588 -588 -588 -589 -599 -599 -599   | 215088"   "52<br>279544"   "52<br>304120"   "53<br>309909"   "53<br>328451"   "53<br>425752"   "54<br>468223"   "55<br>507802"   "55<br>547467"   "55<br>667491"   "56<br>6702359"   "57<br>720921"   "57<br>780052"   "57<br>7809213"   "58<br>807309"   "58<br>814599"   "58<br>8887404"   "58<br>873849"   "58  | 07601"   19034"   58605"   73525"   84471"   06236"   22520"   39069"   39440"   07724"   36267"   54110"   74267"   18702"   49847"   07308"   10762"   45646"   69326"   69326"   69006"   800517"   83136"            | USPAT; USOOR   |    |   | 21:38                                   |
|---|--|--|--|--|----|---|---|
| 579 999                                   | "49: 50: 50: 50: 50: 50: 50: 50: 50: 50: 50  | 991578"   "50 053001"   "50 053001"   "50 053001"   "50 215088"   "52 279544"   "52 279544"   "52 309909"   "53 309909"   "53 328451"   "53 328451"   "55 547467"   "55 547467"   "55 67491"   "56 67491"   "56 67491"   "56 702359"   "57 7720921"   "57 780052"   "57 780052"   "57 780052"   "57 807309"   "58 814599"   "58 873849"   "58 873849"   "58 873849"   "59 911223"   "59 964726"   "59 9947261"   "59 | 19034"   58605"   73525"   84471"   06236"   82520"   89069"   39440"   7724"   36267"   54110"   74267"   18702"   49847"   86454"   10762"   45646"   69326"   747268"   6906"   80517"   835136"                      |  |    |   |   |
| 379 999                                   | *500<br>*522<br>*523<br>*533<br>*533<br>*544<br>*554<br>*564<br>*577<br>*577<br>*577<br>*578<br>*588<br>*588<br>*588<br>*588   | 053001"   "50 215088"   "52 2179544"   "52 2304120"   "53 309109"   "53 328451"   "53 425752"   "54 425752"   "54 425752"   "54 426722"   "55 47467"   "55 667491"   "56 667491"   "57 702359"   "57 702359"   "57 789013"   "58 807300"   "58 886740"   "58 873848"   "58 873849"   "58 873849"   "58 873849"   "58 873849"   "58 873849"   "58 873849"   "58   | 58605"   73525"   84471"   106236"   22520"   89069"   393440"   07724"   87410"   74267"   18702"   49847"   10762"   49847"   10762"   49646"   69326"   74268"   00753"   44715"   68006"   800517"   83136"   83136" |  |    |   |   |
| 579 999                                   | *52** *530** *530** *540** *540** *550** *550** *550** *570** *570** *570** *58 | 215088   '\$2 279544"   "\$2 279544"   "\$2 304120"   "\$3 309909"   "\$3 328451"   "\$3 425752"   "\$4 468223"   "\$5 507802"   "\$5 5667491"   "\$5 667491"   "\$6 667491"   "\$6 807309"   "\$7 780052"   "\$7 780052"   "\$7 780921"   "\$8 807309"   "\$8 807309"   "\$8 873849"   "\$8 873849"   "\$9 911223"   "\$9 9947261"   "\$9   | 73525°   84471"   06236°   82520°   89069°   89069°   39440°   07724"   36267°   18702°   49847"   10762°   49846°   603326°   74268°   74268°   6006°   80006°   80136°   |  |    |   |   |
| 579 999                                   | "52" "534" "544" "554" "554" "557" "577" "577" "577" "588" "588" "589" "599" "599"   | 279544"   "52 304120"   "53 309909"   "53 309909"   "53 328451"   "53 425752"   "54 468223"   "55 507802"   "55 507802"   "55 667491"   "56 667491"   "56 702359"   "57 720921"   "57 789013"   "58 807309"   "58 814599"   "58 873849"   "58 873849"   "59 972013"   "59 972013"   "59  | 84471"   06236"   22520"   39469"   39440"   07724"   36267"   54110"   48702"   48847"   16702"   486454"   077308"   10762"   456466   69326"   69326"   68006"   880517"   83136"                                     |  |    |   |   |
| 579 999                                   | *530<br>*530<br>*530<br>*540<br>*540<br>*550<br>*550<br>*570<br>*577<br>*577<br>*577<br>*581<br>*581<br>*581<br>*581<br>*581<br>*581<br>*581<br>*581   | 304120"   "53 309909"   "53 3028451"   "53 328451"   "53 425752"   "54 468222"   "55 507802"   "55 507802"   "55 667491"   "56 67491"   "56 6772359"   "57 780052"   "57 780052"   "57 780052"   "57 780052"   "57 78012"   "58 807303"   "58 807303"   "58 873849"   "58 873849"   "58 873849"   "59 911223"   "59 991123"   "59  | 06236"   22520"   389069"   39440"   077724"   36267"   18702"   18702"   18702"   18702"   18702"   49847"   86454"   10762"   45646"   68326"   74268"   08753"   44715"   68006"   880517"                            |  |    |   |   |
|   | -536<br>-532<br>-544<br>-556<br>-556<br>-557<br>-577<br>-577<br>-578<br>-588<br>-588<br>-588<br>-599<br>-599<br>-599<br>-599<br>-59  | 309909"   "53 308961"   "53 328451"   "53 425752"   "54 468223"   "55 507602"   "55 507602"   "55 547467"   "56 667491"   "56 667491"   "57 780052"   "57 780052"   "57 789213"   "58 807309"   "58 814599"   "58 873849"   "58 873849"   "58 873849"   "58 978911"   "59 911223"   "59 964726"   "59 972013"   "59  | 22520°   89069°   39440°   39440°   07724"   36267°   54110°   74267°   18702°   49847°   86454°   077308°   10762°   45646°   69326°   69326°   74268°   68006°   800517°   83136°                                      |  |    |   |   |
| 579 999                                   | *53; *544 *554 *556 *566 *577 *577 *577 *587 *588 *588 *589 *599 *599 *599 *599 *599   | 328451"   "53 425752"   "54 468223"   "55 507802"   "55 507802"   "55 667491"   "56 667491"   "56 6702359"   "57 7209211"   "57 780052"   "57 789213"   "58 807309"   "58 814599"   "58 873849"   "58 873849"   "58 873891"   "59 911223"   "59 9172013"   "59   | 89069"   39440"   07724"   36267"   54110"   74267"   18702"   49847"   86454"   10762"   45646"   69326"   74268"   08753"   44715"   68006"   880517"   33136"   |  |    |   |   |
|   | "544" "544" "554" "556" "566" "577" "577" "577" "578" "588" "588" "588" "599" "599" "599"  | 425752"   "54 468223"   "55 507802"   "55 507802"   "55 547467"   "55 667491"   "56 6702359"   "57 780921"   "57 780921"   "57 789213"   "58 807309"   "58 814599"   "58 873849"   "58 873849"   "59 911223"   "59 972013"   "59   | 39440"   07724"   36267"   54110"   74267"   18702"   486454"   07308"   10762"   45646"   69326"   74268"   080753"   44715"   68006"   80517"   33136"   |  |    |   |   |
| 579 999                                   | "544" "550" "554" "570" "577" "577" "580" "580" "581"  | 468223"   "55<br>507802"   "55<br>507802"   "55<br>667491"   "55<br>667491"   "56<br>720359"   "57<br>7720921"   "57<br>789213"   "58<br>807309"   "58<br>807309"   "58<br>8873440"   "58<br>873849"   "59<br>911223"   "59<br>9172013"   "59  | 07724"   36267"   544110"   74267"   18702"   49847"   86454"   07308"   10762"   45646"   69326"   74268"   08753"   44715"   68006"   880517"   83136"   |  |    |   |   |
| 579 999                                   | "556" "566" "577" "577" "577" "578" "588" "588" "588" "588" "588" "589" "599" "599"  | 507802"   "55 547467"   "55 647467"   "55 667491"   "56 6702359"   "57 720921"   "57 7890152"   "57 789213"   "58 807309"   "58 814599"   "58 868740"   "58 873849"   "59 911223"   "59 912213"   "59 972013"   "59  | 36267"   54110"   74267"   18702"   49847"   86454"   07308"   10762"   45646"   69326"   74268"   08753"   44715"   680517"   83136"  |  |    |   |   |
| 579 999                                   | "554" "566" "577" "577" "577" "586" "586" "588" "588" "599" "599"  | 547467"   "55<br>667491"   "56<br>667491"   "56<br>702359"   "57<br>780052"   "57<br>789213"   "58<br>807309"   "58<br>868740"   "58<br>873849"   "59<br>911222"   "59<br>91222"   "59<br>9947261"   "59   | 54110"   74267"   149847"   49847"   86454"   07308"   10762"   45646"   69326"   74268"   08753"   44715"   68006"   80517"   83136"  |  |    |   |   |
| 579 999                                   | "566"<br>"572"<br>"572"<br>"573"<br>"581"<br>"581"<br>"581"<br>"581"<br>"591"<br>"591"   | 667491"   "56<br>702359"   "57<br>720921"   "57<br>780052"   "57<br>789213"   "58<br>807309"   "58<br>814599"   "58<br>868740"   "58<br>873849"   "59<br>879891"   "59<br>964726"   "59<br>972013"   "59   | 74267"   18702"   49847"   49847"   86454"   07308"   10762"   45646"   69326"   74268"   08753"   44715"   68006"   80517"   83136"   |  |    |   |   |
| \$ <b>7</b> 9 999                         | "570"<br>"572"<br>"573"<br>"580"<br>"580"<br>"580"<br>"580"<br>"590"<br>"590"<br>"590"   | 702359"   "57<br>720921"   "57<br>780052"   "57<br>789213"   "58<br>807309"   "58<br>814599"   "58<br>868740"   "58<br>873849"   "58<br>879891"   "59<br>911223"   "59<br>964726"   "59  | 18702"  <br>49847"  <br>86454"  <br>07308"  <br>10762"  <br>45646"  <br>69326"  <br>74268"  <br>08753"  <br>44715"  <br>68006"  <br>80517"  <br>83136"   |  |    |   |   |
| 579 999                                   | "572<br>"573<br>"580<br>"580<br>"580<br>"580<br>"580<br>"590<br>"590<br>"590   | 720921"   "57. 780052"   "57. 789213"   "58. 807309"   "58. 814599"   "58. 873849"   "58. 873849"   "58. 879891"   "59. 911223"   "59. 972013"   "59.  | 49847"   86454"   07308"   10762"   45646"   69326"   74268"   044715"   68006"   80517"   83136"  |  |    |   |   |
| S79 999                                   | "578<br>"580<br>"580<br>"580<br>"580<br>"580<br>"590<br>"590<br>"590   | 780052"   "57 789213"   "58 807309"   "58 814599"   "58 868740"   "58 873849"   "58 873849"   "59 911223"   "59 964726"   "59  | 86454"  <br>07308"  <br>10762"  <br>45646"  <br>69326"  <br>74268"  <br>08753"  <br>44715"  <br>68006"  <br>80517"  <br>83136"   |  |    |   |   |
| S79 999                                   | "578"<br>"588"<br>"588"<br>"588"<br>"588"<br>"598"<br>"599"<br>"599"   | 789213"   "58<br>807309"   "58<br>814599"   "58<br>868740"   "58<br>873849"   "58<br>879891"   "59<br>911223"   "59<br>964726"   "59<br>972013"   "59  | 07308"  <br>10762"  <br>45646"  <br>69326"  <br>74268"  <br>08753"  <br>44715"  <br>68006"  <br>80517"   |  |    |   |   |
| <b>S</b> 79 999                           | "58<br>"58<br>"58<br>"58<br>"59<br>"59<br>"59  | 807309"   "58<br>814599"   "58<br>868740"   "58<br>873849"   "58<br>879891"   "59<br>911223"   "59<br>964726"   "59<br>972013"   "59   | 10762"  <br>45646"  <br>69326"  <br>74268"  <br>08753"  <br>44715"  <br>68006"  <br>80517"   |  |    | *************************************** |   |
| S79 999                                   | "58"<br>"586<br>"581<br>"591<br>"591<br>"591   | 814599"   "58<br>868740"   "58<br>873849"   "58<br>879891"   "59<br>911223"   "59<br>964726"   "59<br>972013"   "59  | 45646"  <br>69326"  <br>74268"  <br>08753"  <br>44715"  <br>68006"  <br>80517"  <br>83136"   |  |    | *************************************** |   |
| S79 999                                   | "586<br>"583<br>"583<br>"596<br>"596   | 868740"   "58<br>873849"   "58<br>879891"   "59<br>911223"   "59<br>964726"   "59<br>972013"   "59   | 69326"  <br>74268"  <br>08753"  <br>44715"  <br>68006"  <br>80517"   | obeninara provincia de la constancia de la constancia de la constancia de la constancia de la constancia de la |    | *************************************** |   |
| S79 999                                   | "58"<br>"59"<br>"590<br>"590"  | 873849"   "58<br>879891"   "59<br>911223"   "59<br>964726"   "59<br>972013"   "59  | 74268"  <br>08753"  <br>44715"  <br>68006"  <br>80517"  <br>83136"   |  |    | *************************************** | *************************************** |
| S79 999                                   | "58"<br>"59<br>"59   | 879891"   "59<br>911223"   "59<br>964726"   "59<br>972013"   "59   | 08753"  <br>44715"  <br>68006"  <br>80517"  <br>83136"   | ***************************************  |    | *************************************** | *************************************** |
| 579 999                                   | "59<br>"596<br>"591  | 911223"   "59<br>964726"   "59<br>972013"   "59  | 44715"  <br>68006"  <br>80517"  <br>83136"   | ***************************************  |    | *************************************** |   |
| S79 999                                   | "59<br>"59   | 964726"   "59<br>972013"   "59   | 68006"  <br>80517"  <br>83136"   | ***************************************  |    |   |   |
| S79 999                                   | *59  | 972013"   "59  | 80517"  <br>83136"   |  |    |   |   |
| S79 999                                   |  |  | 83136" j   | and the second   |    |   |   |
| S79 999                                   |  | 903131   39  |  |  |    |   |   |
| S79 999                                   |  | 993434"   "59  |  |  | 1  |   |   |
| S79 999                                   |  | 995869"   "60  |  |  |    |   |   |
| \$79 ==================================== |  | 002961" I "61  |  |  |    | 1                                       |   |
| S79 ====================================  |  | 206004"   "62  |  | *  |    |   | -                                       |
| S79 999                                   |  | 330478").PN.   |  |  |    |   |   |
| S79 999                                   |  | 6678556").URI  |  |  |    |   |   |
| 5/9 1999                                  | *********  |  | ***************************************  |  |    |   |   |
|   |  | 607"/\$.ccls.) a   |  | US-PGPUB;  | OR | ON                                      | 2008/12/01                              |
| ***************************************   |  | express or exp   |  | USPAT; USOOR;  |    |   | 21:41                                   |
| ***************************************   |  | anscription\$3)  | same   | EPO; JPO;<br>DERWENT   |    |   |   |
|   |  | lectric\$4 or  |  | DERWENT  |    |   |   |
| }   |  | ectromagnetic<br>ectromagnetic   |  |  |    |   |   |
| -   |  | agnetic\$4))   | Φ <del>4</del> 01  |  |    |   |   |
|   |  |  |  |  |    |   |   |
| S80 530                                   |  | 9 and ((expre  |  | US-PGPUB;  | OR | ON                                      | 2008/12/01                              |
|   |  | press\$4 or tra  |  | USPAT; USOOR;  |    |   | 21:41                                   |
|   |  | 3) same (prote   |  | EPO; JPO;  |    |   |   |
|   |  | genetic or ved   |  | DERWENT  |    |   |   |
|   |  | omoter or pro  |  |  |    |   |   |
|   | pror   | gulat\$4 or mo   |  |  |    |   |   |
| 1   | pror<br>regu   | introl\$4 or rea   | ulatory))  |  |    | 1                                       |   |
|   | pror<br>regu   | introlog- or reg   |  |  |    |   |   |
|   | pror<br>regu   | introlog- or reg   |  |  |    |   |   |
|   | pror<br>regu   | intrological regi  |  |  |    |   |   |

| S81  | 30                                      | ("20050192542"   | US-PGPUB;  | OR | ON | 2008/12/03          |
|------|---|--|--|----|----|---------------------|
|      | *************************************** | "4164216"   "4273114"   "5026397"   "5087243"   "5236413"   "5282785"   "5286254"   "5327887"   "5386837"   "5387419"   "5415629"   "5419763"   "5415609"   "5458568"   "5499971"   "5501662"   "5634895"   "564899"   "5779661"   "5807306"   "5865787"   "6041252"   "6057374"   "6071305"   "6086582"   "6292704"   "6298268"   "6949081"). PN. OR ("7092753"   "7190997").UFFN.  | USPAT; USOOR                                       |    |    | 16:00               |
| S82  | 29                                      | ("4164216"   "4273114"   "5026397"   "5087243"   "528643"   "5282785"   "5286254"   "5327887"   "5386837"   "5347887"   "5415629"   "5419763"   "5445609"   "5419663"   "5499371"   "5501662"   "5634899"   "5779661"   "5807306"   "5865787"   "6011252"   "6057374"   "6071305"   "6086582"   "6292704"   "62928268"   "6634995"   "6949081"   "7092753"),PN, OR ("71712637),URPN, | US-PGPUB;<br>USPAT; USOOR                          | OR | ON | 2008/12/03<br>16:00 |
| \$83 | 4106                                    | ("424"/\$.cds.) and<br>((express or express\$4 or<br>transcription\$3) same<br>(electric\$4 or<br>electromagnetic or<br>electromagnetic\$4 or<br>magnetic\$4))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>16:16 |
| S84  | 3707                                    | \$83 and ((express or express\$4 or transcription \$3) same (protein or gene or genetic or vector promoter or promoter or promoter or promoter or modulat\$4 or modulat\$4 or control\$4 or regulatory))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>16:17 |
| S85  | 1022                                    | S84 and cardiac  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>16:18 |
| S86  | 1005                                    | S84 and (ischemia or ischemic or infarct\$4)   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>16:18 |

| S87 | 641   | S85 and (ischemia or ischemic or infarct\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>16:18 |
|-----|-------|---|--|----|----|---------------------|
| S88 | 2109  | S84 and (cardiac or heart<br>or myocardium or<br>myocardial)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>16:19 |
| S89 | 4106  | ("424"/\$.ccls.) and<br>((express or express\$4 or<br>transcription\$3) same<br>(electric\$4 or<br>electromagnetic or<br>electromagnetic\$4 or<br>magnetic\$4))                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>18:32 |
| S90 | 3707  | S89 and ((express or express\$4 or transcription \$3) same (protein or gene or genetic or vector promoter or promoter or regulat\$4 or modulat\$4 or control\$4 or regulatory)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>18:32 |
| S91 | 2109  | S90 and (cardiac or heart<br>or myocardium or<br>myocardial)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>18:32 |
| S92 | 921   | S91 and (ischemia or ischemic or infarct\$4)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>18:32 |
| S93 | 4696  | ("424"/\$.ccis.) and<br>((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj3 field)   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>18:59 |
| S94 | 2720  | ("514"/\$.ccis.) and<br>((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj3 field)   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>18:59 |
| S95 | 12391 | ("435"/\$.cds.) and<br>((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj3 field)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>18:59 |
| S96 | 3832  | (\$93 or \$94 or \$95) and<br>((express or express\$4 or<br>transcription\$3) same<br>(electric\$4 or<br>electromagnetic or<br>electromagnetic\$4 or<br>magnetic\$4))           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:00 |

| S97  | 3430 | S96 and ((express or express\$4 or transcription \$3) same (protein or gene or genetic or vector promoter or promoter or promoter or regulat\$4 or modulat\$4 or control\$4 or regulatory)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03          |
|------|------|---|--|----|----|---------------------|
| S98  | 916  | S97 and electrode   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:00 |
| S99  | 466  | S98 and (cardiac or heart<br>or myocardium or<br>myocardial)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:00 |
| S100 | 0    | [("424"/\$.cds.) and<br>(((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj2<br>promoter)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:07 |
| S101 | 37   | ("424"/\$.cds.) and<br>((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj2 "nucleic<br>acid")  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:07 |
| S102 | 37   | ("424"/\$.cds.) and<br>((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj2 ("nucleic<br>acid" or promoter))  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:08 |
| S103 | 21   | ("514"/\$.cds.) and<br>((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj2 ("nucleic<br>acid" or promoter))  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:08 |
| S104 | 259  | ("435"/\$.cds.) and<br>((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj2 ("nucleic<br>acid" or promoter))  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:08 |
| S105 | 275  | S102 S103 S104  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:08 |
| S106 | 643  | ("435"/\$.cds.) and<br>((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj2<br>(response or responsive))  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:10 |

| S107 | 209 | ("424"/\$.cds.) and<br>((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj2<br>(response or responsive))                                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:10 |
|------|-----|---|--|----|----|---------------------|
| S108 | 183 | ("514"/\$.cds.) and<br>((electric\$3 or<br>electromagnetic\$3 or<br>magnetic\$3) adj2<br>(response or responsive))                                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:11 |
| S109 | 922 | S106 S107 S108  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:38 |
| S110 | 295 | S109 and ((express or<br>express\$4 or transcription<br>\$3) same (electric\$4 or<br>electromagnetic or<br>electromagnetic\$4 or<br>magnetic\$4)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/03<br>19:38 |

<sup>12/3/2008 9:47:51</sup> PM

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